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PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTON



NOTES ON TROPICAL AMERICAN FISHES.

BY HENRY W. FOWLER.¹

The materials listed in this paper were collected by my friend Mr. R. Dale Benson Jr., while on two trips into the West Indian region. The first lot of specimens was secured in 1929 during the month of March, at Havana, Cuba, Colon in the Panama Canal Zone, Curaçao, Barbados and at Kingston, Jamaica. The second lot of specimens was secured at the Bermudas in April of 1930. Though small the collections contain several interesting species of infrequent occurrence or of importance in distribution. No new species are represented.

ALBULIDAE.

Albula vulpes (Linnaeus).

Two from Jamaica, 174 to 230 mm.

DUSSUMIERIIDAE.

Jenkinsia stolifera (Jordan and Gilbert).

Three from Bermuda, 44 to 48 mm.

CLUPEIDAE.

Harengula anchovia (Valenciennes).

Seventeen from Bermuda, 85 to 110 mm.

Harengula maculosa (Valenciennes).

Ten from Bermuda, 36 to 200 mm.

Opisthonema oglinum (Le Sueur).

Forty-one from Bermuda, 60 to 120 mm.

¹By permission of The Academy of Natural Sciences of Philadelphia.

Chirocentrodon bleekerianus (Poey).

One from Jamaica, 93 mm. Quite likely *Itisha caribbea* Meek and Hildebrand,¹ based on a small specimen but 57 mm. long is the present species. It agrees in most all details except that canine teeth are not shown in the figure, nor are they mentioned in the description.

ENGRAULIDAE.

Anchoviella choerostoma (Goode).

Seventy-two from Bermuda, 44 to 79 mm.

Anchoviella filifera (Fowler).

One from Jamaica, 72 mm.

Cetengraulis edentulus (Cuvier).

Four from Jamaica, 118 to 142 mm.

ECHIDNIDAE.

Lycodontis moringua (Cuvier).

One from Bermuda, 517 mm.

HEMIRAMPHIDAE.

Hemiramphus unifasciatus (Ranzani).

Six from Bermuda, 128 to 153 mm.

EXOCOETIDAE.

Cypselurus rubescens (Rafinesque).

Four from Barbados, 267 to 270 mm. Anal rays, one simple, 10 branched.

SOLEIDAE.

Achirus lineatus (Linnaeus).

Two from Jamaica, 73 to 82 mm.

HOLOCENTRIDAE.

Holocentrus ascensionis (Osbeck).

Two from Curaçao, 138 to 165 mm.

ATHERINIDAE

Atherina harringtonensis Goode.

Eighty-six from Bermuda, 42 to 78 mm.

¹Field Museum Nat. Hist. Publication 215, Zool. Series, vol. 15, December 20th, 1923, p. 191, p. 10, fig. 1, Porto Bello, Panama.

MUGILIDAE.

Mugil curema Valenciennes.

One from Bermuda, 44 mm.

TRICHIURIDAE.

Trichiurus lepturus Linnaeus.

One from Jamaica, 780 mm.

CARANGIDAE.

Decapterus punctatus (Agassiz).

Two from Bermudas, 137 to 145 mm. Scutes 40 in straight section of lateral line.

Decapterus macarellus (Valenciennes).

One from Curaçao, 172 mm. Depth 6; head 4. Scales 55 in straight section of lateral line, of which 25 keeled scutes. Anal II - I, 29 - 1.

Selar crumenophthalmus (Bloch).

Five from Curaçao, 110 to 115 mm.

Chloroscombrus chrysurus (Linnaeus).

Three from Jamaica, 132 to 156 mm.

SERRANIDAE.

Cephalopholis fulvus (Linnaeus).

One from Havana, 163 mm.

Serranus mystacinus (Poey).

One from Havana, 183 mm.

LUTJANIDAE.

Lutjanus buccanella (Cuvier).

One from Curaçao, 83 mm.

Lutjanus griseus (Linnaeus).

One from Bermuda, 110 mm.

Ocyurus chrysurus (Bloch).

One from Jamaica, 193 mm.

POMADASYIDAE.

Haemulon sciurus (Shaw).

Five from Bermuda, 80 to 136 mm.

Haemulon flavolineatum (Desmarest).

Four from Colon, 82 to 152 mm.; seventeen from Bermuda, 75 to 147 mm.; two from Jamaica, 110 to 155 mm.

Orthopristis poeyi Scudder.

One from Bermuda, 140 mm. Gray blue to mauve or lilac gray generally, under surfaces of head and body whitish. Iris white to gray. Above lateral line irregular golden to gilt longitudinal lines, below 5 or 6 and bands extending on head; all variably broken as spots, blotches or bars and variously complete in sections. Fins all grayish. Gilt bands of caudal peduncle extending on caudal fin. Spinous dorsal with median, subbasal and basal row of dark gilt spots, two on each membrane. Pectoral transparent. Ventral yellowish or golden medially, grayish in front.

SPARIDAE.

Archosargus unimaculatus (Bloch).

One from Colon, 130 mm.

Diplodus argenteus (Valenciennes).

Twelve from Bermuda, 38 to 155 mm.

GERRIDAE.

Eucinostomus gula (Cuvier).

Five from Jamaica, 77 to 104 mm.; twenty-six from Bermuda, 40 to 158 mm. In young examples the premaxillary groove is not entirely scaled over in front, the groove left clearly naked.

Gerres havana Nichols.

Nine from Jamaica, 70 to 90 mm.; one from Colon, 118 mm. Previously only reported from Cuba and Brazil.

Gerres rhombeus Cuvier.

Thirteen from Jamaica, 50 to 100 mm.

CHAETODONTIDAE.

Chaetodon capistratus Linnaeus.

Four from Curaçao, 65 to 78 mm.

TETRODONTIDAE.

Sphoeroides testudineus (Linnaeus).

One from Jamaica, 143 mm.